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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/601,269	06/20/2003	Hamid G. Kia	H-203315	4520

7590 07/05/2005

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EXAMINER

DIXON, MERRICK L

ART UNIT	PAPER NUMBER
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1774

DATE MAILED: 07/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/601,269

Applicant(s)

KIA ET AL.

Examiner

Merrick Dixon

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 and 30-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 and 30-45 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.


Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.


MERRICK DIXON
PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6-7-04;6-20-03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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1. A rejection based on double patenting of the "same invention" type finds its support in the language of 35 U.S.C. 101 which states that "whoever invents or discovers any new and useful process ... may obtain a patent therefor..." (Emphasis added). Thus, the term "same invention," in this context, means an invention drawn to identical subject matter. See *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957); and *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970).

A statutory type (35 U.S.C. 101) double patenting rejection can be overcome by canceling or amending the conflicting claims so they are no longer coextensive in scope. The filing of a terminal disclaimer cannot overcome a double patenting rejection based upon 35 U.S.C. 101.

2. Claims 11,15,20,30-34 and 45 provisionally rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 1-7,10,35 and 37 of copending Application No. 10/601250. This is a provisional double patenting rejection since the conflicting claims have not in fact been patented.

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

4. Claim 37 is provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 7 and 1 of

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copending Application No. 10/601250. Although the conflicting claims are not identical, they are not patentably distinct from each other because it would have been obvious to cure the articles and remove same from a oven in the '250 reference..

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

5. Claims 45,44,11 are provisionally rejected under 35 U.S.C. 101 as claiming the same invention as that of claims 10-12 and 18 of copending Application No. 10/623922. This is a provisional double patenting rejection since the conflicting claims have not in fact been patented.

6. Claim 42 provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claim 13 of copending Application No. 10/623922. Although the conflicting claims are not identical, they are not patentably distinct from each other because it would have been obvious to also cure the resin as in the '922 application.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 30-36 are rejected under 35 U.S.C. 102(b) as being anticipated by Okayama(JP2001-150559).

The cited reference teaches the claimed process including applying a gel coat onto a mold, applying a barrier thereover, and applying a laminate over the barrier layer – see Abstract. It is noted those limitations relating to the process are germane to the instant question for patentability, not those claimed limitations directed to structure limitations. See Ex parte Pfeiffer, 1962 C.D. 408(1961). Accordingly, applicants' limitations directed to weights of the recited material and fillers, are of no patentable consequences to the instant question for patentability which must be manipulatively distinct. Thus and relating to claims 31-36, the resulting types/products , amounts and dimensions of material used during the claimed process are of no patentable consequences which must be manipulatively distinct for reasons discussed above.

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 37-45 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okayama(2001-150559) in view of GB Patent (1493547) . The primary reference to Okayama teaches the basic claimed invention as discussed above, inter alla, including

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applying a gel coat to a mold surface, applying a barrier coating thereon and applying a reinforcing laminate thereafter.. Although the primary reference teaches curing its product., the secondary reference more clearly teaches this aspect . The secondary reference teaches curing the product and removing it from the mold- page 4, lines 115-120; page 4, lines 110-125. It would have been obvious to one of ordinary skill in the art at the time the invention is made to combine the teachings of the secondary reference to GB '547 and further cure and remove the laminated product of Okayama from its mold motivated by the desire to complete the molding process. Concerning claims 38-40, it is submitted the type of material, including its properties , would have been obvious in the cited references particularly as such product structures are of no patentable consequences to the instant question for patentability which must be manipulatively distinct. .Ex parte Pfeiffer 1962 C.D. 408(1961). Likewise and concerning claims 41-45, the particular material, its dimensions and layer thickness, would have been obvious in the cited references particularly as such product structures are of no patentable consequences to the instant question for patentability which must be manipulatively distinct.

11. Claims 11,15,19, are rejected under 35 U.S.C. 103(a) as being unpatentable over GB Patent(1493547) alone.

The reference to the GB patent teaches the claimed laminate comprising an gel coat layer, a laminate layer and a barrier coat disposed therbetween- page 2, col 2, lines 75-125; page 1, col 1, lines 29-32; page 1, col 2, lines 73-88; page 2, col 2, lines 90-117;

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page 3, lines 34-48; page 3, lines 71-83; page 5, lines 90-96. concerning claim 15 and 19, the reference teaches the claimed fiber dimensions in page 3, lines 75-80.

12. Claims 17 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over GB Patent(1493547) as applied to claims 11,15 and 19 above, and further in view of Maker(US 5087405).

The reference to Maker teaches that it is known to include pigmented material in laminated fiber reinforced product as taught by the GB '547 Patent-col 6, line 46-48; col 5, lines 54-56.. it would have been obvious to one of ordinary skill in the art at the time the invention is mad to combine the Maker reference and facilitate the GB reference with such pigment material motivated to impart desired aesthetic properties there to. Both references are combineable for they relate to laminated fiber reinforced products.

13. Claims 1-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 1, line 3, the phrase, "first fibers" is not understood.

In claim 1, line 6, the phrase, "second fibers" is not understood. Does applicants mean "first set of fibers" and "second set of fibers", instead? Applicants are requested to provide related corrections.

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14. Claims 2-10 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

15. Claims 12-14 and 16 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

16. Claims 20-27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claim 20, it is not known how the reinforcing fibers associated with the resin material. Is it mixed into the resin?

17. Claims 21-27 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

18. The examiner wishes to remind applicants that claims 28 and 29 are missing. Applicants are reminded of the proper numbering of claims and provide the related corrections.

Applicants who wish to send a facsimile (draft copies) for the examiner's immediate review can do so by using the Examiner's personal fax number at 571-273-1520. The faxing of all papers must conform with the notice published in the Official Gazette, 1096 O.G. 30 (November 15, 1989). **NOTE: All facsimiles sent to the examiner's**

personal fax number should be in draft-forms and will be treated as informal.

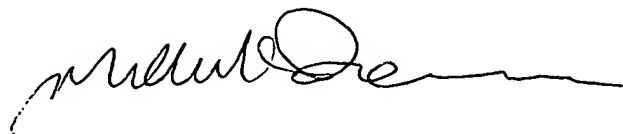
Same facsimiles will not be entered in the related applications unless otherwise agreed and noted by the examiner.

The fax number for all other fascimile is 703-872-9306.

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Status inquires for **published applications** may be retrieved from either **Private PAIR** or **Public PAIR**. Questions about the PAIR system should be directed to the Electronic Business Center at **866-217-9197**.

Any questions concerning the instant communication should be directed to Examiner Dixon, at 571-272-1520, Mondays to Thursdays, between 12 noon and 8 PM, eastern time . The examiner's supervisor, Mrs. Rena Dye, can be reached at 571-272-3186.

A handwritten signature in black ink, appearing to read 'Merrick Dixon', with a long horizontal flourish extending to the right.

Merrick Dixon

Primary Examiner